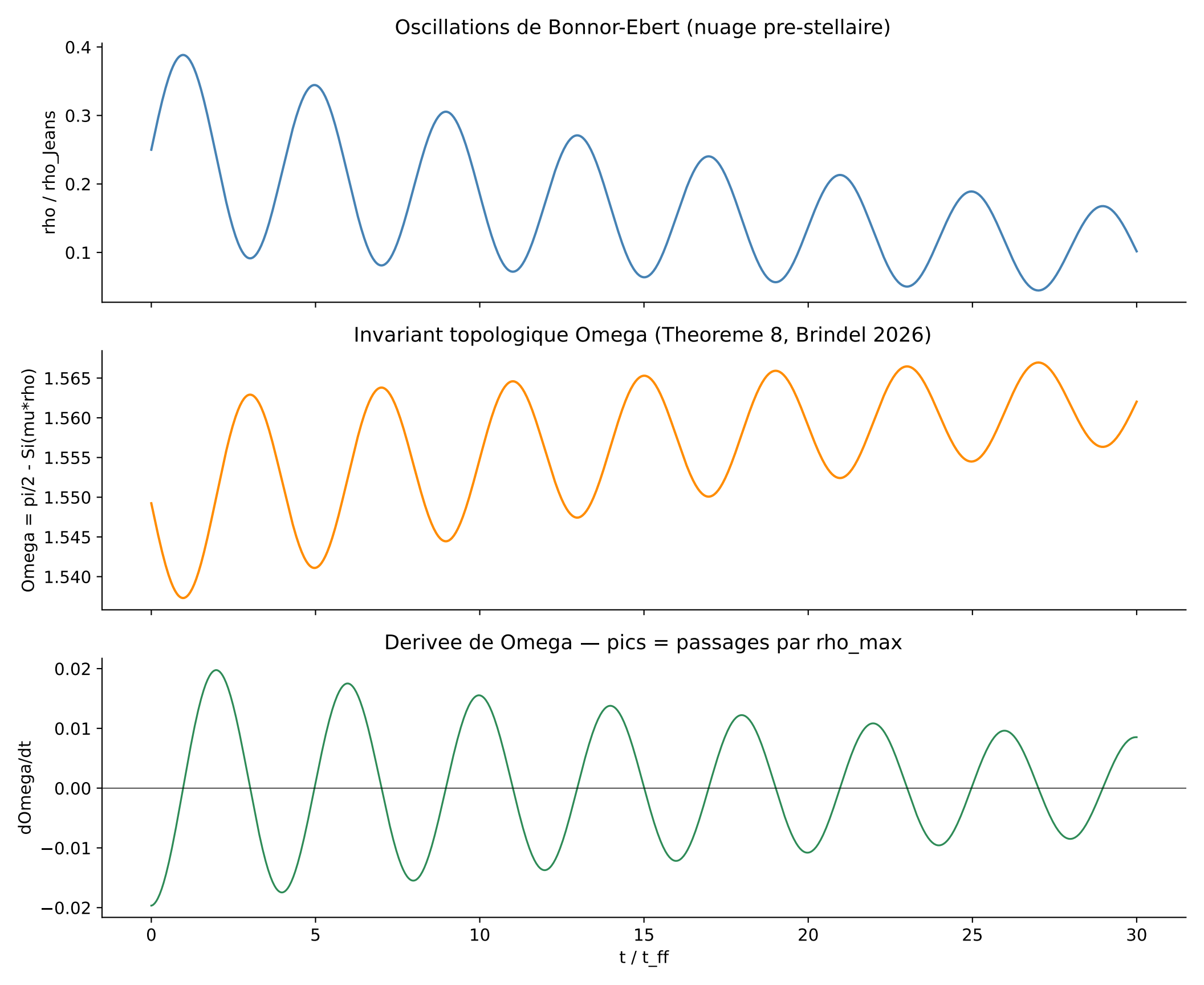
Oscillations de Bonnor-Ebert (nuage pre-stellaire)
rho / rho_Jeans
0.4
0.3
0.2
0.1
Invariant topologique Omega (Theoreme 8, Brindel 2026)
Omega = pi/2 - Si(mu*rho)
1.565
1.560
1.555
1.550
1.545
1.540
Derivee de Omega — pics = passages par rho_max
dOmega/dt
0.02
0.01
0.00
−0.01
−0.02
0
5
10
15
20
25
30
t / t_ff